

Title (en)

Alkanesulfonate derivatives and their use as insecticides, acaricides or nematocides.

Title (de)

Alkansulfonatderivate und ihre Verwendung als Insektizide, Akarizide oder Nematizide.

Title (fr)

Dérivés d'alcanesulfonates et leur application comme insecticides, acaricides ou nématocides.

Publication

EP 0220857 A1 19870506 (EN)

Application

EP 86307714 A 19861006

Priority

- JP 10759186 A 19860513
- JP 22184685 A 19851007

Abstract (en)

Compounds of the formula: $R_{<1>} - S(O)_x @@@ Ar @@@ O - SO_2 - R_{<2>}$ (I) wherein Ar is a pyridine, pyridazine, pyrimidine, pyrazine, isoquinoline or thiazole ring which, apart from the groups $R_{<1>} - S(O)_x$ and $-O - SO_2 - R_{<2>}$, is unsubstituted or substituted by from 1 to 3 substituents selected from halogen, C1 to C4-alkyl which is unsubstituted or substituted by halogen, C1 to C4-alkoxy, CF₃ and nitro; $R_{<1>}$ is C1 to C8-alkyl; C1 to C7-alkyl which is substituted by from 1 to 3 F, Cl or Br or by C1 to C4-alkoxy or C1 to C4-alkylthio; C3 to C7-cycloalkyl which is unsubstituted or substituted by from 1 to 4 F, Cl or methyl; C3 to C6-cycloalkylmethyl which is unsubstituted or substituted by from 1 to 4 F, Cl, Br or methyl; allyl; propargyl; phenyl or benzyl; $R_{<2>}$ is C1 to C4-alkyl which is unsubstituted or substituted by from 1 to 3 F or Cl; x is 0, 1 or 2; with the proviso that, when Ar is a pyridine ring which is substituted by $R_{<1>} - S(O)_x$ and $-O - SO_2 R_{<2>}$ at the 2- and 6-positions and $R_{<1>}$ is C1 to C7-alkyl, the pyridine ring is further substituted as above but not by from 1 to 3 halogen atoms; are useful for killing insect pests, acaridae and nematodes.

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